

## Recombinant Human ANP32A protein, His-tagged

**Cat. No.** ANP32A-2805H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human ANP32A Protein (Glu2-Asp249) is produced by E. coli expression system. This protein is fused with a His tag at the N-terminal.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Glu2-Asp249
<b>Form</b>	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
<b>Molecular Mass</b>	29.7 kDa
<b>AA Sequence</b>	MGHHHHHSGS-EMGRRIHLE LRNRTPSDVK ELVLDNSRSN EGKLEGLTDE FEELEFLSTI NVGLTSIANL PKLNKCLKLE LSDNRVSGGL EVLAEKCPNL THLNLSGNKI KDLSTIEPLK KLENLKSLDL FNCEVTNLND YRENVFKLLP QLTYLDGYDR DDKEAPDSDA EGYVEGLDDE EE DE DEEY D EDAQV VE DE E DE DE EEEGEE EDVSGEEE E D EEGY NDGEV D DEEDEEELGE EERGQKRKRE PEDEGEDDD
<b>Endotoxin</b>	<1.0EU per 1µg (determined by the LAL method).
<b>Purity</b>	>95%

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<b>Applications</b>	SDS-PAGE; WB; ELISA; IP.
<b>Stability</b>	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48 h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
<b>Storage</b>	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
<b>Reconstitution</b>	Reconstitute in sterile PBS, pH7.2-pH7.4.

## GENE INFORMATION

<b>Gene Name</b>	ANP32A acidic (leucine-rich) nuclear phosphoprotein 32 family, member A [ Homo sapiens ]
<b>Official Symbol</b>	ANP32A
<b>Synonyms</b>	ANP32A; C15orf1; I1PP2A; LANP; MAPM; mapmodulin; PHAPI; PP32; hepatopoietin Cn; HPPCn; PHAP1; MGC119787; MGC150373;
<b>Gene ID</b>	8125
<b>mRNA Refseq</b>	NM_006305
<b>Protein Refseq</b>	NP_006296
<b>MIM</b>	600832

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